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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/937,738	04/15/2002	Raymond Anthony Edgson	GAMBRO-256	5509

530 7590 09/26/2003  
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EXAMINER

LE, HOA VAN

ART UNIT PAPER NUMBER

1752

DATE MAILED: 09/26/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No.	Applicant(s)
	09/937,738	EDGSON ET AL.
	Examiner	Art Unit
	Hoa V. Le	1752

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 01 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) Responsive to communication(s) filed on \_\_\_\_\_.
- 2a) This action is FINAL.                            2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) Claim(s) 41-84 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) \_\_\_\_\_ is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) 41-84 are subject to restriction and/or election requirement.

**Application Papers**

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) The proposed drawing correction filed on \_\_\_\_\_ is: a) approved b) disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) All b) Some \* c) None of:
    1. Certified copies of the priority documents have been received.
    2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
  - a) The translation of the foreign language provisional application has been received.
- 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

1) <input type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____	6) <input type="checkbox"/> Other: _____

This application is before the examiner for consideration.

A. In view of the complexity of the claims as set up this Office action is made.

B.1. Claims 41-84 are generic to a plurality of disclosed patentably distinct species comprising many possible heat sensitive fluid chemical ingredients in the art. Applicant is required under 35 U.S.C. 121 to elect a single disclosed species for an initiation of a search, even though this requirement is traversed.

2. Claims 41-84 are generic to a plurality of disclosed patentably distinct species comprising many possible second fluid chemical ingredients in the art. Applicant is required under 35 U.S.C. 121 to elect a single disclosed species for an initiation of a search, even though this requirement is traversed.

3. Claims 41-84 are generic to a plurality of disclosed patentably distinct species comprising many possible third fluid chemical ingredients in the art. Applicant is required under 35 U.S.C. 121 to elect a single disclosed species for an initiation of a search, even though this requirement is traversed.

4. Claims 42-62 are generic to a plurality of disclosed patentably distinct species comprising many possible additive or alternative conditions and processing steps. Applicant is required under 35 U.S.C. 121 to elect an ultimate single disclosed species for an initiation of a search, even though this requirement is traversed.

5. Claims 63-84 are generic to a plurality of disclosed patentably distinct species comprising many possible additive or alternative materials to make up the apparatus. Applicant is required under 35 U.S.C. 121 to elect an ultimate single disclosed species for an initiation of a search, even though this requirement is traversed.

Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

C. In (1) (i) an apparatus claim a material that made up such apparatus is controlled for a patentability of the claimed invention. (ii) Any method embodiment is given secondary or no value but would be given full value in a method claim only.

(2) (i) a method claim a processing step is controlled for a patentability of the claimed invention. (ii) Any material embodiment is given secondary or no value but would be given full value in a material claim only.

D. Restriction to one of the following inventions is required under 35 U.S.C. 121:

I. Claims 41-62 with independent claim 41 being considered as the main invention and dependent claims 42-63 being considered as secondary embodiments, drawn to a method, class 422, subclass 41.

II. Claims 63-84 with independent claim 63 being considered as the main invention and claims 64-84 being considered as the secondary embodiments, drawn to an apparatus, classified in class 422, subclass 285.

Inventions of Group I and II are related as process and apparatus for its practice. The inventions are distinct if it can be shown that either: (1) the process as claimed can be practiced by another materially different apparatus or by hand, or (2) the apparatus as claimed can be used to practice another and materially different process. (MPEP § 806.05(e)). In this case, the claimed apparatus can be used to practice or make a medium temperature of a fluid-fluid mixture of both separate high and low fluid temperatures such as a high-low temperature fluid-fluid heat exchanger. Applicants should show or provide an evidence to the contrary. In the absence of convincing evidence, the restriction would not be removed.

Because these inventions are distinct for the reasons given above and have acquired the separate status and searches in the art and can be supported the separate patents as divided by applicants and have no evidence of the record that are not required the separate consideration and search since they are the obvious variants because the prior art being applied to one of them would be sufficient against all inventions, restriction for examination purposes as indicated is proper. Applicant should show or provide an evidence to the contrary. In the absence of convincing evidence, the restriction would not be removed.

E. Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

F. However any process claim is permitted to be rejoined with a material claim provided (a) that the material claim is allowable and (b) the process claim must be contained all of the limitations of the allowable material claim in accordance with the authority stated in In re Ochiai, 37 USPQ2d 1127 or In re Brouwer, 37 USPQ2d 1663 and MPEP 821.04.

G. A telephone call was made to Mr. Arnold H. Krumholz on the record on 25 September 2003 to request an oral election to the above restriction requirement, but did not result in an election being made.

Mr. Krumholz requests a written Office action since the inventors are overseas.

H. Other issues have not been considered until a proper election is made and resolved.

I. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hoa V. Le whose telephone number is 703-308-2295. The examiner can normally be reached on 6:30AM-5:00PM, M-TH.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Janet Baxter can be reached on 703-308-2303. The fax phone numbers of the examiner is 703-746-7172. Since there is a newly electronic filing procedure for all initial communicating papers and all responses to an Office action, the examiner fax phone number is not for use to receive any fax in response to an Office action. Applicant is requested and required to send all initial communicating papers and all response to Office action to a central paper or fax receiving center for an electronic scanning procedure.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0661.

Hoa V. Le  
Primary Examiner  
Art Unit 1752

HVL  
25 September 2003

HOA VAN LE  
PRIMARY EXAMINER  
Hoa Van Le